H-199905, Page 1

11-16-2000



101517807

Mail Code: 480-414-420 Troy, Michigan 48007-5052

15-SEP-00

Box Assignments

Assistant Commissioner for Patents

Washington, D.C. 20231

Enclosed for recording is Assignment documentation for the following patent application:

Serial No. 09/250826 filed February 17, 1999

Attorney Docket No. H- 199905

(1) Assignor/Inventors: THADDEUS SCHROEDER

RAYMOND O. BUTLER JR.

BRUNO PATRICE BERNARD LEQUESNE

(2) Assignee: DELPHI TECHNOLOGIES, INC.

Legal Staff - Mail Code: 480-414-420

P.O. Box 5052 TROY, MICHIGAN

(3) Assignment of patent application

(4) Application number: 09/250826

If blank, this documentation is filed together with the patent application.

(5) Address correspondence to: MARGARET A. DOBROWITSKY

DELPHI TECHNOLOGIES, INC.

Legal Staff P.O. Box 5052

Mail Code: 480-414-420 Troy, Michigan 48007-5052

(6) Number of applications: 1

Total Fee: 40.00

(7) Date documentation executed: 31: AUG-00; 05-SEP-00; 13-SEP-00

(8) Not applicable

(9) To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Title: LOW COST BINARY ENCODED CRANKSHAFT POSITION SENSOR

Please charge the \$40.00 assignment recording fee to DELPHI TECHNOLOGIES, INC. Deposit Account No.

50-0831.

MARGARET A. DOBROWITSKY

(248) 267 5548

Total number of pages including cover sheet, attachments and document: <u>3</u>

Enclosures

PATENT REEL: 011233 FRAME: 0445

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to DELPHI TECHNOLOGIES, INC., the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application H-199905 entitled

LOW COST BINARY ENCODED CRANKSHAFT POSITION SENSOR

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney MARGARET A. DOBROWITSKY to insert the application number and filing date of said application here in parentheses (09/250,826 filed 02-17-99) when known.

Inventor's signature	Tha folens Jemoula	Date 9-5-2000
Full name:	THADDEUS SCHROEDER	Declaration dated:
Residence:	ROCHESTER HILLS, MICHIGAN	02-09-99
Inventor's signature		Date
Full name:	RAYMOND O. BUTLER JR.	Declaration dated:
Residence:	ANDERSON, IN	01-22-99
Inventor's signature	Jun 1. 4 Jugasa	Date 8-31-7000
Full name:	BRUNO PATRICE BERNARD LEQUESNE	Declaration dated:
D 11		02-09-99
Residence:	TROY, MI	

TROY, MI

PATENT REEL: 011233 FRAME: 0446

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to DELPHI TECHNOLOGIES, INC., the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application H-199905 entitled

LOW COST BINARY ENCODED CRANKSHAFT POSITION SENSOR

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney MARGARET A. DOBROWITSKY to insert the application number and filing date of said application here in parentheses (09/250,826 filed 02-17-99) when known.

Inventor's signature		Date
Full name:	THADDEUS SCHROEDER	Declaration dated :
Residence:	ROCHESTER HILLS, MICHIGAN	02-09-99
Inventor's signature	Thymore DE titles	Date $9/13/00$
Full name:	RAYMOND O. BUTLER JR.	Declaration dated:
Residence:	ANDERSON, IN	01-22-99
Inventor's signature		Date
Full name:	BRUNG PATRICE BERNARD LEQUESNE	Declaration dated:
Residence:	TROY, MI	02-09-99

PATENT RECORDED: 09/20/2000 REEL: 011233 FRAME: 0447